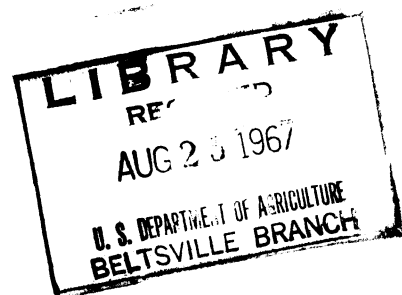


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USDA Standards

FOR FOOD AND FARM PRODUCTS

Agriculture Handbook No. 341



U.S. DEPARTMENT OF AGRICULTURE

Consumer and Marketing Service
Information Division

Washington, D.C.

PREFACE

United States standards are used extensively in marketing farm products in this country.

The use of these quality standards is, in most cases, voluntary. They are used in many instances by manufacturers or by packers in quality control work. They are also used as the basis of the Federal and Federal-State grading services.

Some States and some communities have passed laws making the use of certain of these U.S. standards mandatory in their areas. Federal marketing agreements and orders often require use of U.S. standards. There are also some Federal statutes which specify mandatory use of certain Federal grade standards under specified conditions. A list of these statutes and a brief explanation of their provisions is contained in the appendix of this publication.

This pamphlet lists all of the Federal standards which the U.S. Department of Agriculture has in effect as of July 1, 1967. Some of them are listed as tentative or proposed standards. These are the ones that have not been officially promulgated but are offered by USDA for use under commercial conditions to test their practicability or as a basis for discussion. They are subject to further study and investigation before being officially recommended.

The Federal standards listed here are developed and issued by the seven commodity divisions of the Consumer and Marketing Service. Although some are practical (physical) forms, most are descriptive standards and are published in offset or mimeographed circulars. All are obtainable from the divisions listed.

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This publication supersedes AMS-210, "U.S. Standards for Farm Products."

Issued July 1967

(Revised to July 1, 1967

COTTON AND COTTONSEED

Available from the Cotton Division, C&MS¹

COTTON

Official Cotton Standards of the United States for the Grade of American Upland Cotton. Last revision effective June 15, 1963. (SRA-C&MS 180)

Official Cotton Standards of the United States for the Grade of American Egyptian Cotton. Last revision effective August 1, 1957. (SRA-C&MS 180)

Official Cotton Standards of the United States for Length of Staple. Last revision effective August 1, 1961. (SRA-C&MS 180)

Official Cotton Standards of the United States for Fiber Fineness and Maturity. Last revision effective June 1, 1966. (SRA-C&MS 180)

COTTONSEED

Cottonseed sold or offered for sale for crushing purposes within the United States. Last revision effective November 1, 1966. (SRA-C&MS 179)

LINTERS

Cotton Linters. Latest revisions effective July 1, 1957. (SRA-C&MS 180)

¹ Many standards for cotton are practical forms, rather than descriptive standards. However, information about them and instructions for obtaining the practical forms are contained in the publications listed.

DAIRY PRODUCTS
Available from the Dairy Division, C&MS

- Butter. Effective April 1, 1960.
Cheddar Cheese. Effective May 1, 1956.
Dry Buttermilk. Effective July 30, 1954.
Dry Whole Milk. Effective September 4, 1954.
Dry Whey. Effective July 8, 1954.
Instant Nonfat Dry Milk. Effective May 1, 1963.
Nonfat Dry Milk (Roller Process). Effective July 1, 1958; Amendment effective April 1, 1959.
Nonfat Dry Milk (Spray Process). Effective July 1, 1958; Amendment effective April 1, 1959 and an amendment effective August 1, 1962.
*Scorched Particle Standards for Dry Milks. Effective March 3, 1951.
(Photograph--(Composite photo of ten 1-1/8-inch sizes [0.mg. to 2.5 mg.] price \$.85.) copies, \$1.28 each.))
*Sediment Standards for Milk and Milk Products. Effective December 3, 1949, and an addition effective May 4, 1964. (Composite photographs of 6 standards for a 1-1/8-inch diameter filtering area--commonly used for "off-the-bottom" can testing--or of 6 standards for a 0.40-inch diameter filtering area--commonly used for mixed bulk milk sample testing--are available at \$1.00 each. Available at \$.75 each are 2 composite photographs, one for each filtering area--1-1/8-inch and 0.40-inch diameters--showing the 3 standard discs most commonly used for examination of raw milk.)
Swiss Cheese. Effective February 5, 1953. Amended August 11, 1966.

FRUITS AND VEGETABLES, FRESH
Available from the Fresh Products Standardization and
Inspection Branch, Fruit and Vegetable Division, C&MS

BASIC TRADING GRADES

- Anise, Sweet. Effective December 3, 1930
Apples. Effective September 1, 1964, Amended Oct. 1, 1966.
Apricots. Effective May 25, 1928.
Artichokes. Effective February 10, 1926.
Asparagus. Effective April 1, 1966.
Avocados. Effective September 3, 1957.
Beans, Faba (Fava). Effective April 16, 1931.
Beans, Lima. Effective January 5, 1938.
Beans, Snap. (Supersedes Standards for String, Wax or Green Beans) Effective August 1, 1936.
Beets. Effective August 1, 1955.
Beet Greens. Effective June 1, 1959.
Blueberries. Effective June 1, 1966.
Broccoli, Bunched Italian Sprouting. Effective July 12, 1943.

*Photos available from USDA office of Information at prices quoted subject to change.

FRUITS AND VEGETABLES, FRESH--Continued

BASIC TRADING GRADES--Continued

Brussels Sprouts. Effective January 18, 1954.
Cabbage. Effective September 1, 1945.
Cantaloups. Effective April 15, 1961.
Carrots, Bunched. Effective September 18, 1954.
Carrots. Effective Dec. 20, 1965.
Carrots with short trimmed tops. Effective September 18, 1954.
Cauliflower. Effective December 14, 1952.
Celery. Effective August 7, 1959.
Cherries, Sweet. Effective May 14, 1956.
Collard or Broccoli Greens. Effective April 16, 1953.
Corn, Green. Effective May 18, 1954.
Cucumbers. Effective March 1, 1958.
Cucumbers, Greenhouse. Effective October 1, 1934.
Dandelion Greens. Effective February 4, 1955.
Dewberries and Blackberries. Effective February 13, 1928.
Eggplant. Effective October 29, 1953.
Endive, Escarole or Chicory. Effective Oct. 1, 1964.
Garlic. Effective September 4, 1944.
Grapes, American (Eastern Type) Bunch. Effective April 15, 1965.
Grapes, Juice (European Type). Effective July 20, 1939.
Grapes, Sawdust Pack (European Type). Effective October 19, 1953. Amended October 4, 1962.
Grapes, Table (European or Vinifera Type). Effective August 15, 1960. As amended June 18, 1964.
Grapefruit (California and Arizona). Effective January 9, 1950.
Grapefruit (Florida). Effective September 15, 1960. Amended January 10, 1961.
Grapefruit (Texas). Effective November 3, 1955.
Honey Dew and Honey Ball Melons. Effective April 1, 1967.
Horseradish Roots. Effective July 27, 1936.
Kale. Effective April 25, 1934.
Lemons. Effective Sept. 1, 1964.
Lettuce. Effective July 1, 1961. As amended June 5, 1962.
Lettuce, Greenhouse Leaf. Effective Sept. 1, 1964.
Limes (Persian) Tahiti. Effective June 20, 1958.
Mushrooms. Effective July 15, 1966.
Mustard Greens and Turnip Greens. Effective March 8, 1953.
Nectarines. Effective April 23, 1966.
Okra. Effective December 18, 1928.
Onions, Bermuda-Granex-Grano. Effective January 1, 1960. As amended March 18, 1962.
Onions, Common Green. Effective June 20, 1947.
Onions, Creole. Effective April 10, 1943.
Onions (other than Bermuda-Granex-Grano and Creole Types) Effective Dec. 15, 1966.
Onion Sets. Effective February 1, 1940.
Oranges, California and Arizona. Effective September 23, 1957.
Oranges, Texas. Effective August 2, 1959.
Oranges and Tangelos, Florida. Effective September 15, 1960. Amended April 15, 1965.
Parsley. Effective July 30, 1930. Parsnips. Effective December 10, 1945.

FRUITS AND VEGETABLES, FRESH--Continued

BASIC TRADING GRADES--Continued

Peaches. Effective June 15, 1952.
Pears, Summer and Fall. Effective August 20, 1955.
Pears, Winter. Effective September 10, 1955.
Peas, Fresh. Effective June 1, 1942.
Peas, Southern. Effective July 13, 1956.
Peppers, Sweet. Effective May 1, 1950. As amended Dec. 15, 1962.
Pineapples. Effective February 23, 1953.
Plums and Prunes, Fresh. Effective April 23, 1966.
Potatoes. Effective July 15, 1958.
Radishes. Effective July 16, 1954. As amended Dec. 15, 1963.
Raspberries. Effective May 29, 1931.
Rhubarb (Field Grown) Effective Feb. 1, 1966.
Romaine. Effective August 10, 1960.
Shallots, Bunched. Effective December 16, 1946.
Spinach Leaves. Effective December 27, 1946.
Spinach Plants. Effective November 19, 1956.
Squash, Fall and Winter Type. Effective November 15, 1944.
Squash, Summer. Effective March 26, 1945.
Strawberries. Effective July 1, 1965.
Sweetpotatoes. Effective July 1, 1963.
Tangerines. Effective September 18, 1948.
Tangerines, Florida. Effective September 15, 1960.
Tomatoes. Effective June 28, 1957. As amended October 15, 1961.
Tomatoes, Greenhouse. Effective April 15, 1962.
Turnips or Rutabagas. Effective August 1, 1955.
Watermelons. Effective March 22, 1954.

PROCESSING GRADES

Apples. Effective June 1, 1961.
Asparagus, Green for Canning or Freezing. Effective December 22, 1937.
Beans, Lima, Shelled. Effective June 6, 1953.
Beans, Snap, Effective July 26, 1959.
Beets. Effective December 5, 1945.
Berries. Effective June 2, 1947.
Blueberries. Effective August 5, 1950.
Broccoli. Effective October 4, 1959.
Cabbage. Effective January 17, 1944.
Carrots. Effective January 17, 1944.
Cauliflower. Effective September 4, 1959.
Cherries, Red Sour for Manufacture. Effective April 20, 1941.
Cherries, Sweet for Canning or Freezing. Effective June 1, 1946.
Cherries, Sweet for Export for Sulphur Brining. Effective May 28, 1961.
Corn, Sweet. Effective May 15, 1962.
Cranberries. Effective August 24, 1957.
Cucumbers, Pickling. Effective December 10, 1936.
Currants. Effective May 18, 1952.
Grapes, American (Eastern Type) Bunch for Processing and Freezing. Effective July 5, 1943.
Mushrooms. Effective April 1, 1964.

FRUITS AND VEGETABLES, FRESH--Continued

PROCESSING GRADES--Continued

Okra, Effective Dec. 15, 1965.
Onions. Effective January 17, 1944.
Peaches (Freestone for Canning, Freezing or Pulping). Effective June 1, 1966.
Pears for Canning. Effective June 12, 1939.
Peas, Fresh Shelled for Canning or Freezing. Effective January 15, 1946.
Peas, Southern, Effective June 1, 1965.
Peppers, Sweet. Effective March 22, 1948.
Potatoes. Effective July 10, 1963.
Raspberries. Effective May 18, 1952.
Spinach. Effective July 10, 1956.
Strawberries, Growers' Stock for manufacture. Effective June 1, 1935.
Strawberries, Washed and Sorted for Freezing. Effective June 1, 1935.
Sweetpotatoes for Canning or Freezing. Effective July 24, 1959.
Sweetpotatoes for Dicing or Pulping. Effective July 23, 1951.
Tomatoes, Canning, Effective December 31, 1938.
Tomatoes for Manufacture of Strained Tomato Products. Effective March 1, 1933.
Tomatoes, Grade Evaluation for Processing. Effective February 6, 1964.
Tomatoes, Green. Effective April 19, 1966.
Tomatoes, Italian Type for Canning. Effective May 7, 1957.

SPECIAL CONSUMER GRADES

Beet Greens. Effective November 1, 1958.
Broccoli, Italian Sprouting. Effective October 28, 1950.
Carrots. Effective July 17, 1954.
Brussels Sprouts. Effective August 19, 1950.
Celery Stalks. Effective March 27, 1949.
Corn, Husked on the Cob. Effective May 11, 1950.
Cranberries. Effective August 7, 1956.
Kale. Effective August 26, 1950.
Parsnips. Effective March 23, 1954.
Potatoes. Effective December 8, 1947.
Spinach Leaves. Effective May 19, 1949.
Tomatoes. Effective October 10, 1948.
Turnips. Effective August 20, 1954.

Nuts and Special Products

Almonds, in the Shell. Effective July 15, 1964.
Almonds, Shelled. Effective August 15, 1960.
Asparagus Plumosis. Effective June 6, 1930.
Brazil Nuts in the Shell, Effective August 25, 1966.
Christmas Trees. Effective June 15, 1962.
Filberts, in the Shell. Effective November 25, 1961.
Mixed Nuts in the Shell. Effective August 1, 1965.
Peanuts, Cleaned Virginia Type in the Shell. Effective September 18, 1948.
Peanuts, Farmers' Stock Runner. Effective September 1, 1931.
Peanuts, Farmers' Stock Virginia Type. Effective November 1, 1934.
Peanuts, Farmers' Stock White Spanish. Effective October 11, 1938.

FRUITS AND VEGETABLES--Continued

Nuts and Special Products--Continued

Peanuts, Shelled Runner Type. Effective July 31, 1956.
Peanuts, Shelled Spanish Type. Effective July 15, 1965.
Peanuts, Shelled Virginia Type. Effective August 31, 1959.
Pecans, in the Shell. Effective October 1, 1951.
Pecans, Shelled. Effective October 19, 1952.
Peonies in the Bud. Effective April 1, 1938.
Tomato Plants. Effective January 3, 1944.
Walnuts, Shelled English. Effective January 25, 1959.
Walnuts, in the Shell. Effective September 12, 1964.

FRUITS AND VEGETABLES, PROCESSED

Available from the Processed Products Standardization and
Inspection Branch, Fruit and Vegetable Division, C&MS

Apples, Canned. Effective October 17, 1953.
Apples, Dried. Effective October 24, 1955.
Apples, Dehydrated (low moisture). Effective November 29, 1955.
Apples, Frozen. Effective May 17, 1954.
Apple Butter, Canned. Effective August 5, 1957.
Apple Juice, Canned. Effective June 26, 1950.
Applesauce, Canned. Effective September 18, 1950.
Apricots, Canned. Effective June 22, 1961. Amended August 17, 1962.
Apricots, Dehydrated (low moisture). Effective November 30, 1959.
Apricots, Dried. Effective June 1, 1945.
Apricots, Frozen. Effective June 20, 1963.
Apricots for Manufacturing, Frozen. Effective July 1, 1946.
Asparagus, Canned. Effective May 7, 1963.
Asparagus, Frozen. Effective April 18, 1952.
Beans, Dried Canned. Effective October 24, 1947.
Beans, Green and Wax Canned. Effective July 23, 1961.
Beans, Green and Wax Frozen. Effective August 25, 1954.
Beans, Lima Canned. Effective March 20, 1960.
Beans, Lima Frozen. Effective April 16, 1957.
Beans, Speckled Butter (Lima). Frozen. Effective July 21, 1962.
Beets, Canned. Effective February 4, 1955.
Berries, Frozen. Effective August 15, 1946.
Blackberries and other Similar Berries, Canned. Effective December 1, 1956.
Blueberries, Canned. Effective March 20, 1951; Amendment effective August 19, 1959.
Blueberries, Frozen. Effective May 7, 1955.
Broccoli, Frozen. Effective April 14, 1962.
Brussels Sprouts, Frozen. Effective May 11, 1951.
Carrots, Canned. Effective July 2, 1959.
Carrots, Frozen. Effective February 5, 1962.
Cauliflower, Frozen. Effective November 12, 1951.
Cherries, Red Sour (Tart) Pitted Canned. Effective June 15, 1964.
Cherries, Red Sour (Tart) Pitted Frozen. Effective June 15, 1964.
Cherries, Sweet Canned. Effective February 25, 1957. Amended July 15, 1960.
Cherries, Sweet Frozen. Effective March 1, 1958.
Chili Sauce, Canned. Effective October 20, 1953.

FRUITS AND VEGETABLES, PROCESSED--Continued

Corn, Cream Style, Canned. Effective July 27, 1953.
Corn-on-the-cob, Frozen. Effective May 15, 1958.
Corn, Whole Kernel Canned. Effective July 30, 1952.
Corn, Whole Kernel Frozen. Effective August 1, 1952.
Cranberry Sauce, Canned. Effective March 19, 1951.
Currants, Dried. Effective October 11, 1965.
Dates. Effective August 26, 1955.
Figs, Kadota Canned. Effective August 16, 1957.
Figs, Dried. Effective February 27, 1967.
Fruit Cocktail, Canned. Effective August 17, 1953.
Fruit Jelly. Effective January 2, 1948.
Fruit Preserves (or Jams). Effective May 25, 1956.
Fruits for Salad, Canned. Effective July 5, 1960.
Grape Juice, Canned. Effective May 14, 1951.
Grape Juice Concentrate, Sweetened, Frozen. Effective November 1, 1957.
Grapefruit, Canned. Effective November 6, 1959.
Grapefruit, Frozen. Effective February 20, 1948.
Grapefruit and Orange for Salad, Canned. Effective January 21, 1960.
Grapefruit Juice, Canned. Effective October 19, 1954. Amended Dec. 20, 1963.
Grapefruit Juice, Concentrated, Frozen. Effective December 28, 1956.
Grapefruit Juice, Dehydrated. Effective March 19, 1956.
Grapefruit Juice and Orange Juice, Blended, Canned. Effective October 19, 1954, and January 8, 1965.
Grapefruit Juice and Orange Juice, Concentrated, Blended, Frozen. Effective December 10, 1951.
Grapefruit Juice for Manufacturing. Effective March 20, 1957.
Grapes, Canned. Effective September 6, 1960.
Hominy, Canned. Effective March 10, 1958.
Leafy Greens (other than Spinach) Frozen. Effective June 13, 1952.
Lemon Juice, Canned. Effective December 8, 1962.
Lemon Juice, Concentrated for Manufacturing. Effective August 1, 1959.
Lemonade, Concentrate, Frozen. Effective February 1, 1958; Amendment effective August 4, 1959.
Limeade, Concentrate, Frozen. Effective November 2, 1956.
Melon Balls. Effective June 25, 1962.
Mushrooms, Canned. Effective April 7, 1962.
Okra, Canned. Effective July 8, 1957.
Okra, Frozen. Effective March 16, 1959.
Okra and Tomatoes, Tomatoes and Okra, Canned. Effective December 24, 1957.
Olives, Green. Effective January 3, 1967.
Olives, Ripe, Canned. Effective November 16, 1959. Amended Sept. 2, 1966.
Onion Rings, Breaded, Frozen. Effective October 17, 1959.
Onions, Canned. Effective November 2, 1957.
Orange Juice, Canned. Effective November 17, 1964.
Orange Juice, Chilled. Effective June 16, 1959. Amended December 10, 1959.
Orange Juice, Dehydrated. Effective January 27, 1956.
Orange Juice, Concentrated, Canned. Effective November 17, 1964.
Orange Juice, Concentrated, Frozen. Effective October 19, 1964. Amended Jan. 22, 1966.
Orange Juice, Concentrated for Manufacturing. Effective November 17, 1964.
Orange Marmalade. Effective June 22, 1951.

FRUITS AND VEGETABLES, PROCESSED--Continued

Peaches, Dehydrated (low moisture). Effective November 30, 1959.
Peaches, Dried. Effective June 30, 1945.
Peaches, Frozen. Effective July 3, 1961.
Peaches, Clingstone, Canned. Effective July 23, 1961. Amended July 28, 1962.
Peaches, Freestone, Canned. Effective July 22, 1957.
Pears, Canned. Effective August 23, 1963.
Pears, Dried. Effective June 30, 1945.
Peas, Canned. Effective May 13, 1955.
Peas, Frozen. Effective May 28, 1959.
Peas and Carrots, Frozen. Effective March 20, 1955.
Peas, Field and Blackeye, Canned. Effective April 17, 1950.
Peas, Field and Blackeye, Frozen. Effective June 30, 1961.
Peppers, Sweet, Frozen. Effective March 13, 1959.
Pickles. Effective September 1, 1966.
Pimientos, Canned. Effective August 16, 1955.
Pineapple, Canned. Effective March 16, 1957.
Pineapple, Frozen. Effective January 25, 1949.
Pineapple Juice, Canned. Effective March 16, 1957.
Plums, Canned. Effective September 11, 1962.
Plums, Frozen. Effective March 6, 1956.
Potatoes, French Fried, Frozen. Effective February 8, 1967.
Potatoes, White, Canned. Effective February 10, 1950.
Prunes, Dehydrated (low moisture). Effective June 13, 1960.
Prunes, Dried, Canned. Effective March 1, 1946.
Prunes, Dried. Effective October 11, 1965.
Pumpkin and Squash, Canned. Effective March 9, 1956.
Raisins, Processed. Effective October 11, 1965.
Raspberries, Canned. Effective March 1, 1958.
Raspberries, Frozen. Effective August 16, 1948.
Rhubarb, Frozen. Effective August 15, 1945.
Sauerkraut, Canned. Effective May 13, 1963.
Spinach, Canned. Effective May 12, 1950. Amended April 14, 1967.
Spinach, Frozen. Effective September 7, 1964.
Squash (Cooked) Frozen. Effective October 5, 1953.
Squash (Summer Type) Canned. Effective May 25, 1959.
Squash (Summer Type) Frozen. Effective April 3, 1953.
Strawberries, Frozen. Effective February 1, 1958.
Succotash, Canned. Effective March 15, 1944.
Succotash, Frozen. Effective March 6, 1959.
Sweetpotatoes, Canned. Effective July 9, 1951.
Sweetpotatoes, Frozen. Effective September 4, 1962.
Tangerine Juice, Canned. Effective July 29, 1949.
Tangerine Juice, Concentrated for Manufacturing, Canned. Effective October 31, 1955.
Tomatoes, Canned. Effective July 24, 1964.
Tomato Catsup. Effective August 31, 1953.
Tomato Juice, Canned. Effective June 24, 1958.
Tomato Juice, Concentrated. Effective July 15, 1960.
Tomato Paste, Canned. Effective August 22, 1964.
Tomato Puree (Tomato Pulp) Canned. Effective August 22, 1964.

FRUITS AND VEGETABLES, PROCESSED--Continued

Tomato Sauce, Canned. Effective May 10, 1954. Amended October 21, 1960.
Turnip Greens with Turnips, Frozen. Effective August 19, 1958.
Vegetables, Mixed, Frozen. Effective May 24, 1954.

Honey and Sugar Products

Honey, Comb-Section. Effective August 1933.
Honey, Extracted. Effective April 16, 1951.
Maple Sirup for Re-Processing. Effective February 15, 1940.
Maple Sirup, Table. Effective February 15, 1940.
Molasses, Sugarcane. Effective November 16, 1959.
Refiners' Sirup. Effective January 5, 1952.
Sugarcane Sirup. Effective April 16, 1957.

Miscellaneous Processed Products

Cherries, Sulphured. Effective June 12, 1951.
Olive Oil. Effective March 22, 1948.
Olives, Salt Cured Oil Coated. Effective November 25, 1940.
Olives, Sicilian Style. Effective November 25, 1940.
Peanut Butter. Effective March 23, 1962.
Potatoes, White, Peeled. Effective June 8, 1954.
Sauerkraut, Bulk. Effective May 27, 1935.

GRAIN

(Including Soybeans)

Available from the Grain Division, C&MS

Grain - Under the U. S. Grain Standards Act

Barley. Last revision effective July 1, 1962.
Corn. Last revision effective October 1, 1959.
Flaxseed. Last revision effective July 15, 1965.
Grain, Mixed. Last revision effective December 1, 1960.
Grain Sorghum. Last revision effective August 1, 1962.
Oats. Last revision effective June 1, 1959.
Rye. Last revision effective July 1, 1951.
Soybeans. Last revision effective September 1, 1955.
Wheat. Last revision effective June 1, 1964. (Minor revision June 15, 1965.)

(Official Grain Standards of the United States, Revised May 1964, SRA-C&MS-177, contains all above standards).

GRAIN--Continued

Beans, Peas, Lentils, and Rice

Beans. Effective September 1, 1959.

Lentils. Effective August 1, 1962.

Peas, Dry. Effective August 1, 1962.

Peas, Split. Effective August 1, 1962.

Rice, Rough. Effective August 1, 1961.

Rice, Brown. Effective August 1, 1961.

Rice, Milled. Effective January 3, 1966.

Hay and Straw

Hay. (Includes Alfalfa and Alfalfa Mixed Hay; Cowpea and Cowpea Mixed Hay; Grass Hay; Grain, Wild Oat, Vetch, and Grain Mixed Hay; Johnson and Johnson Mixed Hay; Lespedeza and Lespedeza Mixed Hay; Mixed Hays; Peanut and Peanut Mixed Hay; Prairie Hay; Soybean and Soybean Mixed Hay; Timothy and Clover Hay). Effective June 1, 1949.

Straw. (Wheat Straw, Oat Straw, Barley Straw, Rye Straw, and Rice Straw). Effective July 1, 1949.

(Handbook of Official Hay and Straw Standards, Revised 1949).

LIVESTOCK, MEAT, AND WOOL

Available from the Livestock Division, C&MS

LIVE ANIMALS

Slaughter Cattle. (Bulls, stags, steers, heifers, and cows). Effective April 23, 1966. (SRA-C&MS 112, Official United States Standards for Grades of Slaughter Cattle.)

Slaughter Vealers and Calves. Effective October 1, 1956. (SRA-AMS 113, Official United States Standards for Grades of Vealers and Slaughter Calves.)

Feeder Cattle. Effective September 25, 1964. (SRA-C&MS 183, Official United States Standards for Grades of Feeder Cattle.)

Slaughter Lambs and Sheep. Effective June 18, 1960. (SRA-AMS 168, Official United States Standards for Grades of Slaughter Lambs and Sheep.)

Slaughter Swine. Effective July 5, 1955 for barrows and gilts, September 1, 1956, for sows. (SRA-AMS 172, Official United States Standards for Grades of Slaughter Swine--Barrows and Gilts; Sows.)

Feeder Pigs. Effective January 1, 1966. (SRA-C&MS 189, Official United States Standards for Grades of Feeder Pigs.)

LIVESTOCK, MEAT, AND WOOL--Continued

MEAT

Carcass Beef. (Steer, heifer, cow, bull, and stag.) Effective June 1, 1965.
(SRA-C&MS 99, Official United States Standards for Grades of Carcass Beef.)

Calf and Veal Carcasses. Effective October 1956. (SRA-AMS 114, Official
United States Standards for Grades of Veal and Calf Carcasses.)

Lamb, Yearling Mutton, and Mutton Carcasses. Effective March 1, 1960.
(SRA-AMS 123, Official United States Standards for Grades of Lamb, Yearling
Mutton, and Mutton Carcasses.)

Pork Carcasses. Effective July 5, 1955, for barrow and gilt carcasses.
Effective September 1, 1956, for sow carcasses. (SRA-AMS 171, Official United
States Standards for Grades of Pork Carcasses--Barrow and Gilt; Sow.)

MOHAIR

Diameter of Fiber. Proposed standards announced October 13, 1950.

WOOL

Grease Wool, Effective January 1, 1966. (SRA-C&MS 135, Official United States
Standards for Grades of Wool.)

Wool Top. Effective January 1, 1955. Amendment concerning distribution of
practical forms and methods of determination of grades and of conformity
with standards, effective November 7, 1957. (Official Standards of the United
States for Grades of Wool Top)

POULTRY AND POULTRY PRODUCTS

(Including Rabbits)

Available from the Poultry Division, C&MS

Eggs, Shell. Effective July 1, 1964. (Regulations Governing the Grading of
Shell Eggs and United States Standards, Grades, and Weight
Classes for Shell Eggs.) As amended February 16, 1966, and
August 1, 1966.

Poultry and Edible Products Thereof. Effective August 1, 1966. (Regulations
Governing the Grading and Inspection of Poultry and Edible
Products Thereof and United States Classes, Standards, and Grades
with Respect Thereto.)

Rabbits, Domestic, and Edible Products Thereof. Effective August 1, 1966.
(Regulations Governing the Grading and Inspection of Domestic
Rabbits and Edible Products Thereof and United States Specifica-
tions for Classes, Standards, and Grades with Respect Thereto.)

TOBACCO, NAVAL STORES

Available from the Tobacco Division, C&MS

(Standards are established for each grade of the following classes and types)

Flue-cured tobacco. (U.S. Types 11, 12, 13, and 14) Last revision effective May 14, 1967.

Fire-cured Tobacco. (U.S. Type 21) Last revision effective November 28, 1959.

Fire-cured Tobacco. (U.S. Types 22 and 23) Last revision effective October 5, 1960

Burley Tobacco. (U.S. Type 31) Last revision effective October 29, 1959.

Maryland Tobacco. (U.S. Type 32) Last revision effective April 10, 1959.

Dark Air-cured Tobacco. (U.S. Types 35, 36, and 37) Last revision effective August 22, 1965.

Pennsylvania Seedleaf Tobacco. (U.S. Type 41) Last revision effective January 15, 1964.

Ohio Cigar-leaf Tobacco. (U.S. Types 42, 43, and 44) Last revision effective December 8, 1963.

Puerto Rican Cigar-filler Tobacco. (U.S. Type 46) Last revision effective January 6, 1964.

Connecticut Valley Cigar-binder Tobacco. (U.S. Types 51 and 52) Last revision effective September 27, 1962.

Wisconsin Cigar-binder Tobacco. (U.S. Types 54 and 55) Last revision effective January 20, 1963.

Connecticut Valley Shade-grown Tobacco. (U.S. Type 61) (Tentative) Last revision effective December 6, 1956.

Georgia and Florida Shade-grown Tobacco. (U.S. Type 62) (Tentative) Last revision effective December 11, 1956.

Rosin and Turpentine

Rosin, gum and wood. Last revision effective May 1936. (SRA-PMA 170)

Rosin, tall oil. Effective November 1, 1960. (SRA-PMA 170)

Turpentine. (Gum spirits of turpentine, steam distilled wood turpentine, destructively distilled wood turpentine, and sulphate wood turpentine) Last revision effective December 1946. (SRA-PMA 170)

ACTS OF CONGRESS MAKING STANDARDS MANDATORY UNDER
CERTAIN CONDITIONS

Naval Stores Act of 1923.--Makes mandatory the use of Federal standard grades for all rosin sold in interstate commerce and requires all turpentine sold in interstate commerce to be one of the kinds recognized under the Act and defined in the Federal standards. Also requires turpentine to meet the specifications of the American Society for Testing and Materials as to quality.

Tobacco Inspection Act.--Provides for free and mandatory inspection of tobacco (based on official grades) on any market designated by the Secretary of Agriculture after a referendum in which two-thirds of the growers supplying that market vote approval.

Tobacco Stocks and Standards Act.--Provides for promulgation of standards and makes mandatory use of Federal type classifications and groups of grades when reporting stocks of leaf tobacco.

U.S. Cotton Standards Act.--Prohibits use of nonofficial standards, with the exception of sales by sample. Sec. 52 states "It shall be unlawful (a) in or in connection with any transaction or shipment in commerce made after August 1, 1923, or (b) in any publication of a price or quotation determined in or in connection with any transaction or shipment in commerce after August 1, 1923, or (c) in any classification for the purposes of or in connection with a transaction or shipment in commerce after August 1, 1923, for any person to indicate for any cotton a grade or other class which is of or within the official cotton standards of the United States then in effect under this chapter by a name, description, or designation, or any system of names, description, or designation not used in said standards: Provided, That nothing in this section shall prevent a transaction otherwise lawful by actual sample or on the basis of a private type which is used in good faith and not in evasion of or substitution for said standards." (March 4, 1923, ch. 288, Sec. 2, 42 Stat. 1517)

U.S. Internal Revenue Code of 1954.--Cotton Futures Provisions.--Requires that the classification of all cotton tendered on futures contracts be done by government employees on the basis of official cotton standards.

U.S. Export Apple and Pear Act of 1933.--Requires apples and pears exported to meet specifications of U.S. standards for these fruits. Prohibits exporting apples below U.S. No. 1 Cookers grade and pears below U.S. No. 2 grade.

U.S. Export Grape and Plum Act of 1960.--Requires Emperor grapes exported in sawdust packs to meet U.S. No. 1 Sawdust Pack grade. Emperor grapes shipped in other packs must meet the U.S. No. 1 Table Grape grade.

U.S. Grain Standards Act.--Makes mandatory the use of Federal standards for barley, corn, feed oats, mixed feed oats, flaxseed, grain sorghums, mixed grain, oats, rye, soybeans, and wheat when these products are shipped by grade in interstate or foreign commerce and are shipped to or from an inspection point.

U.S. DEPARTMENT OF AGRICULTURE
Consumer and Marketing Service
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Official Business

ACTS OF CONGRESS.....(Continued)

U.S. Standard Container Acts of 1916 and 1928.--Regulations under this act and standards for climax baskets, berry boxes, till baskets, hampers, round stave baskets and splint or market baskets are contained in SRA-AMS-176 -- latest revision effective September 1956.

U.S. Warehouse Act.--In storing a commodity (such as tobacco, grain, cotton, etc.) for which U.S. standards have been officially promulgated, such official grades must be used if warehouse receipt states the grade.